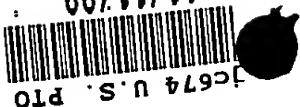


66/11/11



Attorney Docket No.: PA990055
 Date: November 11, 1999

Commissioner of Patents and Trademarks
 Washington, D.C. 20231

Dear Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): GREGORY G. ROSE

For: METHOD AND APPARATUS FOR EFFICIENT IRREGULAR SYNCHRONIZATION OF A STREAM CIPHER

Jc678 U.S. PRO
 09/438342
 11/11/99

Enclosed are:

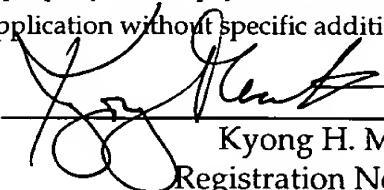
- Three (3) sheets of formal drawings (one copy).
- An Assignment of the invention to QUALCOMM Incorporated
- Unsigned Declaration/Power of Attorney.
- Verified Statement to establish small entity status under 37 CFR § 1.9 and 37 CFR § 1.27.
- Other:

The filing fee has been calculated as shown below:

CLAIMS:	Filed	Extra*	Small Entity		Large Entity	
			Rate	Fee Basic Fee \$395	Rate	Fee Basic Fee \$760.00
Total	=26	6	x \$9 =		x \$18 =	\$108.00
Independent	=2	0	x \$39 =		x \$78 =	\$0.00
Multiple Dependent Claim(s):		NONE	\$135		\$270	\$0.00
			TOTAL FEE		TOTAL FEE	\$868.00

* If the difference in Column "a" is less than zero, enter "0" under Column "b".

- A check in the amount of \$ ___ is enclosed to pay the filing fee.
- Please charge Deposit Account No. 17 - 0026 of QUALCOMM Incorporated in the amount of \$868.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17 - 0026. A duplicate of this sheet is enclosed.
- The Commissioner is further hereby authorized to charge to said Deposit Account No. 17 - 0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.


 Kyong H. Macek
 Registration No. 42,977

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC678 U.S. PRO
09/428242
11/11/99



In Re Application of

)
) For: METHOD AND APPARATUS
GREGORY G. ROSE) FOR EFFICIENT IRREGULAR
) SYNCHRONIZATION OF A
Serial No. Unknown) STREAM CIPHER
)
)

Filed: November 11, 1999

) Group Art Unit: Unknown

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Asst. Commissioner of Patents
BOX PATENT APPLICATIONS
Washington, D.C. 20231

Dear Sir:

"Express Mail" mailing label No. EJ437709669US
Date of Deposit November 11, 1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Asst. Commissioner of Patents, Box Patent Applications, Washington, D.C. 20231.

Michelle R. Walker

(Name)

Michelle R. Walker
(Signature)

QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, California 92121
Telephone: (858) 651-3572
Facsimile: (858) 658-2502